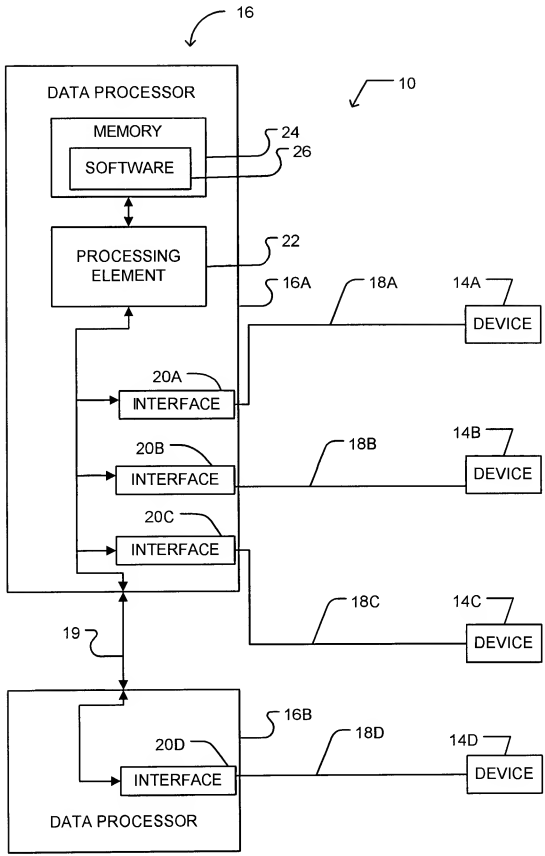
16
10
DATA PROCESSOR
MEMORY
SOFTWARE
24
26
PROCESSING ELEMENT
22
16A
18A
14A
DEVICE
20A
INTERFACE
20B
INTERFACE
18B
14B
DEVICE
20C
INTERFACE
18C
14C
DEVICE
19
16B
20D
INTERFACE
18D
14D
DEVICE
DATA PROCESSOR

FIGURE 1

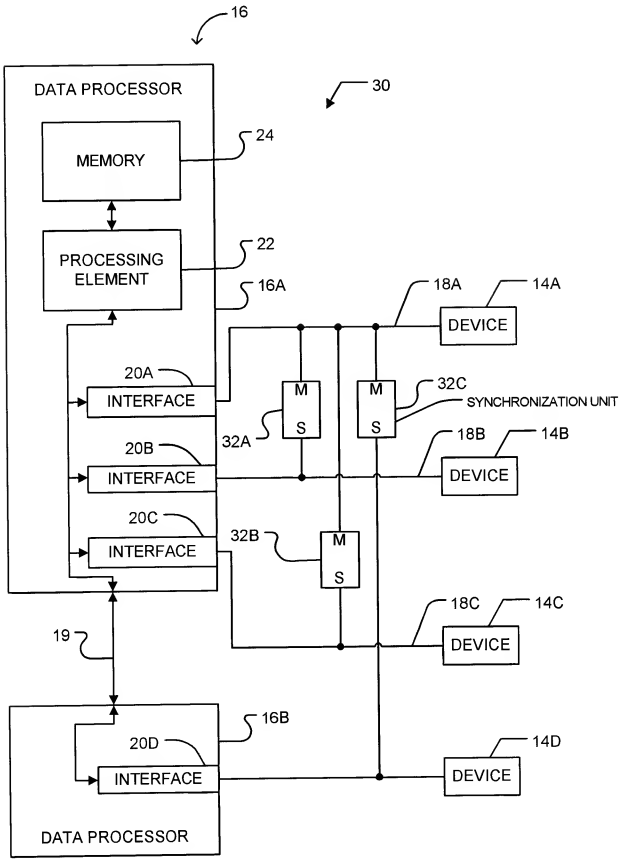
16
DATA PROCESSOR
30
MEMORY
24
PROCESSING ELEMENT
22
16A
18A
14A
DEVICE
20A
INTERFACE
M
S
32A
32C
SYNCHRONIZATION UNIT
20B
INTERFACE
18B
14B
DEVICE
20C
INTERFACE
32B
18C
14C
DEVICE
19
16B
20D
INTERFACE
14D
DEVICE
DATA PROCESSOR

FIGURE 2

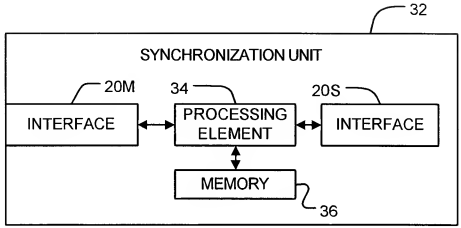

FIGURE 3

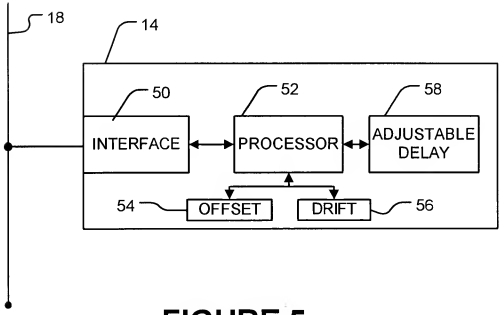

FIGURE 5

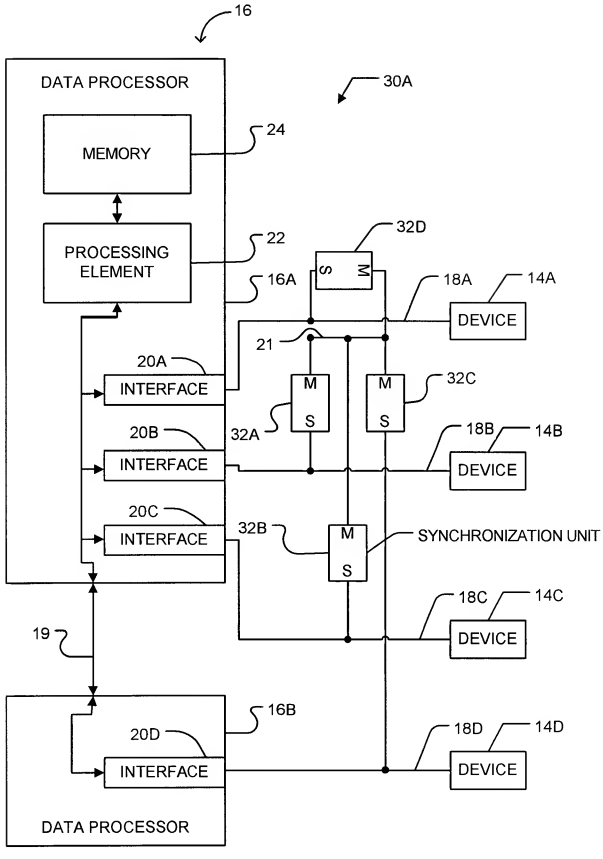
16
DATA PROCESSOR
30A
MEMORY
24
PROCESSING ELEMENT
22
32D
S
M
16A
18A
14A
DEVICE
21
20A
INTERFACE
M
S
32C
32A
20B
INTERFACE
18B
14B
DEVICE
20C
INTERFACE
32B
M
S
SYNCHRONIZATION UNIT
18C
14C
DEVICE
19
16B
20D
INTERFACE
18D
14D
DEVICE
DATA PROCESSOR

FIGURE 4

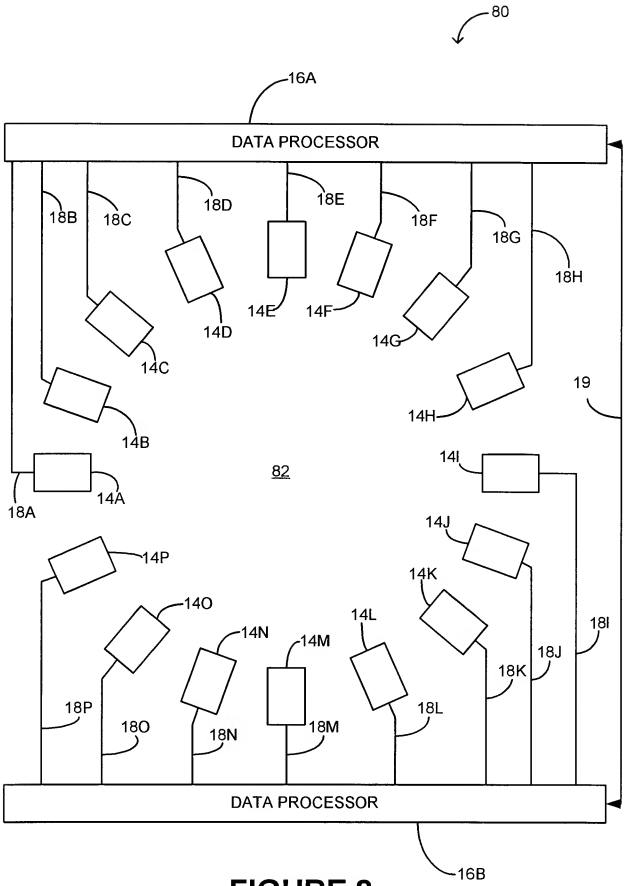
80
16A
DATA PROCESSOR
18B
18C
18D
18E
18F
18G
18H
14E
14F
14D
14G
14C
14H
19
14B
14I
82
14A
18A
14J
14P
14K
14O
14N
14M
14L
18I
18J
18K
18P
18O
18N
18M
18L
DATA PROCESSOR
16B

FIGURE 8